

CLAIMS

WHAT IS CLAIMED IS:

- 1 1. A method of adjusting relative value of implemented computer
2 configuration changes, the method comprising:
3 identifying computer configuration changes in a computer system;
4 obtaining performance metrics for the computer system before and after computer
5 configuration changes implemented in the computer system; and
6 assessing effectiveness of the computer configuration changes based on the
7 obtained performance metrics.
- 1 2. The method of claim 1, further comprising increasing priority values for
2 computer configuration changes resulting in performance improvements, the priority values
3 being used for priority of the computer configuration changes in future recommendation sets.
- 1 3. The method of claim 1, further comprising classifying computer
2 configuration changes not resulting in performance improvements as secondary
3 recommendations in future recommendation sets.
- 1 4. The method of claim 1, further comprising removing computer
2 configuration changes not resulting in performance improvements from future recommendation
3 sets.
- 1 5. The method of claim 1, further comprising summarizing recommended
2 actions identified for a computer user, configuration changes implemented, and the resulting
3 change in performance
- 1 6. The method of claim 1, further comprising providing a report with
2 performance trends on a plurality of computer systems where recommended configuration
3 changes are not implemented.

1 7. The method of claim 1, further comprising analyzing computer metrics on
2 the computer system and proposing configuration changes based on the analysis of computer
3 metrics.

1 8. The method of claim 1, wherein obtaining performance metrics for the
2 computer system before and after computer configuration changes comprises accessing stored
3 computer metrics in a database.

1 9. A system comprising:
2 hardware components in a computer system;
3 installed software in the computer system;
4 configuration settings indicating configuration conditions for the hardware
5 components and the installed software; and
6 programmed instructions configured to:
7 identify implemented configuration changes in the computer system;
8 collect performance metrics associated with the computer system having
9 the identified implemented configuration changes; and
10 weight effectiveness of the identified implemented configuration changes.

1 10. The system of claim 9, further comprising programmed instructions
2 configured to analyze the computer system and propose configuration changes based on the
3 analysis.

1 11. The system of claim 10, wherein the proposed configuration changes are
2 prioritized based on weighted effectiveness.

1 12. The system of claim 9, further comprising programmed instructions
2 configured to provide reports on implemented configuration changes.

1 13. The system of claim 9, wherein proposed configuration changes with low
2 weighted effectiveness are removed from a recommendation set.

1 14. The system of claim 9, wherein the computer system is one of a plurality
2 of computer systems coupled to a common network.

1 15. The system of claim 14, wherein the configuration changes identified
2 correspond to configuration change proposals established based on performance analysis of
3 identified configuration changes in other computer systems in the plurality of computer systems
4 coupled to the common network.

1 16. The system of claim 15, wherein configuration change proposals have a
2 priority based on the weighted effectiveness of the identified implemented configuration
3 changes.

1 17. A system for adjusting relative value of implemented configuration
2 changes on computer systems in a network, the system comprising:
3 means for obtaining configuration information for the computer systems in the
4 network;
5 means for obtaining performance data for the computer systems in the network;
6 means for recommending configuration changes to one of the computer systems
7 in the network;
8 means for obtaining performance data for the one of the computer system after
9 implementation of recommended configuration changes; and
10 means for adjusting relative value of the recommended configuration changes
11 based on an evaluation of the performance data after implementation of recommended
12 configuration changes.

1 18. The system of claim 17, wherein configuration changes are recommended
2 based on relative value where high value indicates performance improvement based on the
3 configuration changes.

1 19. The system of claim 17, further comprising means for reporting relative
2 value of the recommended configuration changes.

- 1 20. The system of claim 17, further comprising eliminating a configuration
- 2 change from a recommendation set where the configuration change has a low relative value.